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NEWS 27 MAR 23 CAS databases on STN enhanced with new super role
for nanomaterial substances
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NEWS EXPRESS JUNE 27 08 CURRENT WINDOWS VERSION IS V8.3,
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=> file reg
 COST IN U.S. DOLLARS
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	SINCE FILE ENTRY	TOTAL SESSION
	0.22	0.22

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DICTIONARY FILE UPDATES: 25 MAR 2009 HIGHEST RN 1127021-37-7

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=>
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L1 STRUCTURE UPLOADED

=> s 11
SAMPLE SEARCH INITIATED 17:22:25 FILE 'REGISTRY'
SAMPLE SCREEN SEARCH COMPLETED - 1035 TO ITERATE

100.0% PROCESSED 1035 ITERATIONS 12 ANSWERS
SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE **COMPLETE**
PROJECTED ITERATIONS: 18770 TO 22630
PROJECTED ANSWERS: 33 TO 447
BATCH **COMPLETE**

L2 12 SEA SSS SAM L1

=> s 11 fully
COMBINATION OF STRUCTURE AND TEXT TERMS NOT VALID
The query entered contains both search terms created by
structure-building or screen commands and text search terms. L#s
created via the STRUCTURE or SCREEN commands must be searched in the
structures files separately from text terms or profiles. The L#
answer sets from structure searches can be used in crossover searches
and can be combined with text terms.

```
=> s 11 full
THE ESTIMATED SEARCH COST FOR FILE 'REGISTRY' IS 185.40 U.S. DOLLARS
DO YOU WANT TO CONTINUE WITH THIS REQUEST? (Y)/N or END:y
FULL SCREEN SEARCH INITIATED 17:22:34 FILE 'REGISTRY'
FULL SCREEN SEARCH COMPLETED - 20601 TO ITERATE
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100.0% PROCESSED 20601 ITERATIONS 292 ANSWERS
SEARCH TIME: 00.00.01

1.3 292 SEA SSS FUL 1.1

=> file haoplus
COST IN U.S. DOLLARS
SINCE FILE
ENTRY
SESSION
TOTAL
188.28 188.50

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FILE COVERS 1907 - 26 Mar 2009 VOL 150 ISS 13
FILE LAST UPDATED: 25 Mar 2009 (20090325/ED)

HCplus now includes complete International Patent Classification (IPC) reclassification data for the third quarter of 2008.

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This file contains CAS Registry Numbers for easy and accurate substance identification.

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=> s 13/Thu
      53 L3
      1105658 THU/RL
L4      5 L3/THU
      (L3 (L) THU/RL)

=> s 14 and fung?
      256611 FUNG?
L5      4 L4 AND FUNG?

=> d 15, ibib abs hitstr, 1-4

L5  ANSWER 1 OF 4  HCPLUS COPYRIGHT 2009 ACS on STN
ACCESSION NUMBER: 2008:1471528  HCPLUS
DOCUMENT NUMBER: 149:576624
TITLE: Preparation of pyridazines as agrochemical
fungicides and antitumor agents
INVENTOR(S): Dietz, Jochen; Vretou, Marianna; Mueller, Bernd;
Renner, Jens; Ulmschneider, Sarah; Lohmann, Jan Klaas
PATENT ASSIGNEE(S): BASF SE, Germany
SOURCE: PCT Int. Appl., 106pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: German
FAMILY ACC. NUM. COUNT: 27
PATENT INFORMATION:
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PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2008135413	A1	20081113	WO 2008-XD55058	20080425
W: AE, AG, AL, AM, AO, AT, AU, AZ, BA, BB, BG, BH, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DO, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GT, HN, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP, KR, KZ, LA, LC, LK, LR, LS, LT, LU, LY, MA, MD, ME, MC, MK, MN, MW, MX, MY, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RS, RU, SC, SD, SE, SG, SK, SI, SM, SV, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, ZA, ZM, ZW				

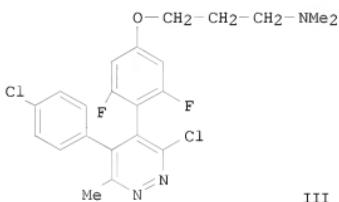
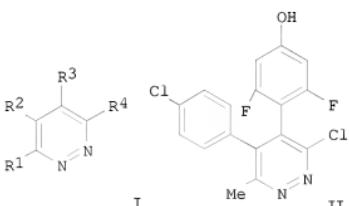
RW: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HR, HU, IE, IS, IT, LT, LU, LV, MC, MT, NL, NO, PL, PT, RO, SE, SI, SK, TR, BE, BJ, CF, CG, CI, CM, GA, GN, GO, GW, ML, MR, NE, SN, TD, TG, BW, GH, GM, KE, LS, MW, NZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, KY, KG, KZ, MD, RU, TJ, TM

PRIORITY APPN. INFO.:

EP 2007-107339

A 20070502

GI



<-----User Break----->

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=> d 15, ibib abs hitstr, 1-4
COMMAND INTERRUPTED
REENTER FILE 'HCAPLUS'
AND TRY AGAIN, OR ENTER '?' FOR MORE INFORMATION.
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SINCE FILE ENTRY SESSION
FULL ESTIMATED COST 11.40 199.90

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TSCA INFORMATION NOW CURRENT THROUGH January 9, 2009.

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FILE 'REGISTRY' ENTERED AT 17:19:17 ON 26 MAR 2009
L1 STRUCTURE uploaded
L2 12 S L1
L3 292 S L1 FULL

FILE 'HCAPLUS' ENTERED AT 17:22:37 ON 26 MAR 2009
L4 5 S L3/THU
L5 4 S L4 AND FIUNG?

FILE 'REGISTRY' ENTERED AT 17:25:02 ON 26 MAR 2009

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0.48 200 38
FULL ESTIMATED COST

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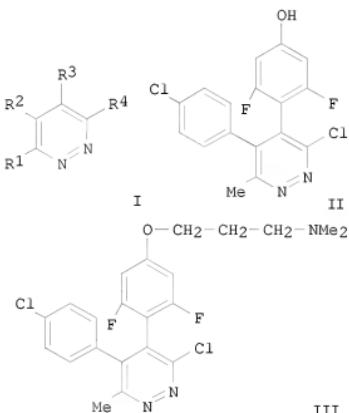
This file contains CAS Registry Numbers for easy and accurate substance identification.

=> d 15, ibib abs hitstr, 1-4

L5 ANSWER 1 OF 4 HCPLUS COPYRIGHT 2009 ACS on STN
 ACCESSION NUMBER: 20081471528 HCPLUS
 DOCUMENT NUMBER: 149:576624
 TITLE: Preparation of pyridazines as agrochemical fungicides and antitumor agents
 INVENTOR(S): Dietz, Jochen; Vretou, Marianna; Mueller, Bernd; Renner, Jens; Ulmschneider, Sarah; Lohmann, Jan Klaas
 PATENT ASSIGNEE(S): BASF SE, Germany
 SOURCE: PCT Int. Appl., 106pp.
 CODEN: PIXXD2
 DOCUMENT TYPE: Patent
 LANGUAGE: German
 FAMILY ACC. NUM. COUNT: 27
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2008135413	A1	20081113	WO 2008-XD55058	20080425
W: AE, AG, AL, AM, AO, AT, AU, AZ, BA, BB, BG, BI, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DO, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GT, HN, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP, KR, KZ, LA, LC, LK, LR, LS, LT, LU, LY, MA, MD, ME, MG, MK, MN, MW, MX, MY, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RS, RU, SC, SD, SE, SG, SK, SL, SM, SV, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, ZA, ZM, ZW				
RW: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HR, HU, IE, IS, IT, LT, LU, LV, MC, MT, NL, NO, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD,				

TG, BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW,
AM, AZ, BY, KG, KZ, MD, RU, TJ, TM
PRIORITY APPLN. INFO.: EP 2007-107339 A 20070502
GI



AB Title compds. I [R1, R4 = H, CN, alkyl, etc.; R2 = alkyl, haloalkyl, alkenyl, etc.; R3 = aryl, heteroaryl, etc.] and their formulations were prepared. For example, Mitsunobu-mediated coupling of phenol II and 3-dimethylaminopropanol afforded pyridazine III. In HeLa cell inhibition assays, compds. I exhibited IC₅₀ values < 100 nM. [This abstract record is one of 27 records for this document necessitated by the large number of index entries required to fully index the document and publication system constraints.]

IT 658066-35-4. Fluopyram

RL: AGR (Agricultural use); BSU (Biological study, unclassified); PRPH (Prophetic); BIOL (Biological study); USES (Uses)
(preparation of pyridazines as agrochem. fungicides and antitumor agents)

BN 658066-35-4

1.5 ANSWER 2 OF 4 HCAPLUS COPYRIGHT 2009 ACS on STN

ACCESSION NUMBER: 2008:1300243 HCAPLUS

ACCESSION NUMBER: 2008.15002
DOCUMENT NUMBER: 149:506110

DOCUMENT NUMBER: 119-36000
TITLE: Use of fungicides for treating fish mycoses
INVENTOR(S): Haeuser-Hahn, Isolde; Stenzel, Klaus;

PATENT ASSIGNEE(S): Wachendorff-Neumann, Ulrike
Bayer CropScience Aktiengesellschaft, Germany
SOURCE: PCT Int. Appl., 28pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent
 LANGUAGE: German
 FAMILY ACC. NUM. COUNT: 2
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2008128654	A2	20081030	WO 2008-EP2830	20080410
WO 2008128654	A3	20081218		
W:	AE, AG, AL, AM, AO, AT, AU, AZ, BA, BB, BG, BH, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DO, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GT, HN, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP, KR, KZ, LA, LC, LK, LR, LS, LT, LU, LY, MA, MD, ME, MG, MK, MN, MW, MX, MY, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RS, RU, SC, SD, SE, SG, SK, SL, SM, SV, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, ZA, ZM, ZW			
RW:	AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HR, HU, IE, IS, IT, LT, LU, LV, MC, MT, NL, NO, PL, PT, RO, SE, SI, SK, TR, BE, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG, BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AP, EA, EP, OA			
EP 1982717	A1	20081022	EP 2007-106647	20070420
R:	AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LI, LT, LU, LV, MC, MT, NL, PL, PT, RO, SE, SI, SK, TR, AL, BA, HR, MK, RS			

PRIORITY APPLN. INFO.: EP 2007-106647 A 20070420
 AB The invention discloses a method for protecting fish and invertebrates and all of the stages of development thereof from mycoses caused by fungi of the genera *Saprolegnia*, *Aphanomyces*, *Achlyaflagellata* and other significant species in aquaculture, using fungicides, leading to an inhibition or destruction of pathogenic fungi.

The means containing at least one fungicide for use in fish-farming and fish-keeping is suitable for the prophylaxis and treatment of diseases affecting fish in aquaculture, farming ponds, farming tanks, aquariums, natural game fish waters, ponds and marine fish farms. The associated forms of application are addition to water and food and direct application. The addition of the inventive means to the water prevents spawn and fish from being infected by fungi.

IT 658066-35-4, Fluopyram
 RL: PAC (Pharmacological activity); THU (Therapeutic use); BIOL (Biological study); USES (Uses)
 (fungicide for treatment of fish mycosis)

RN 658066-35-4

L5 ANSWER 3 OF 4 HCPLUS COPYRIGHT 2009 ACS on STN
 ACCESSION NUMBER: 2008:1270802 HCPLUS
 DOCUMENT NUMBER: 149:463025
 TITLE: Use of fungicides for treatment of fish mycoses
 INVENTOR(S): Haeuser-Hahn, Isolde; Stenzel, Klaus;
 Wachendorff-Neumann, Ulrike
 PATENT ASSIGNEE(S): Bayer CropScience A.-G., Germany
 SOURCE: Eur. Pat. Appl., 22pp.
 CODEN: EPXXDW
 DOCUMENT TYPE: Patent
 LANGUAGE: German

FAMILY ACC. NUM. COUNT: 2

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
EP 1982717	A1	20081022	EP 2007-106647	20070420
R: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LI, LT, LU, LV, MC, MT, NL, PL, PT, RO, SE, SI, SK, TR, AL, BA, HR, MK, RS				
WO 2008128654	A2	20081030	WO 2008-EP2830	20080410
WO 2008128654	A3	20081218		
W: AE, AG, AL, AM, AO, AT, AU, AZ, BA, BB, BG, BH, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DO, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GT, HN, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP, KR, KZ, LA, LC, LK, LR, LS, LT, LU, LY, MA, MD, ME, MG, MK, MN, MW, MX, MY, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RS, RU, SC, SD, SE, SG, SK, SL, SM, SV, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, ZA, ZM, ZW				
RW: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HR, HU, IE, IS, IT, LT, LU, LV, MC, MT, NL, NO, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG, BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AP, EA, EP, OA				

PRIORITY APPLN. INFO.: EP 2007-106647 A 20070420

AB The invention discloses a method for the protection of fish and invertebrates and all of their developmental stages and for the treatment of mycoses caused by fungi of genus *Saprolegnia*, *Aphanomyces*, *Achlya*flagellata and other relevant species in aquaculture through the use of at least one fungicide already recognized as an agrochem. agent. The agent of the invention, containing at least one of the above fungicides can be used in fish breeding and keeping for the prophylaxis and therapy of diseases of fish in aquaculture, in breeding ponds, breeding tanks, aquariums, natural sport fishing water, ponds, and for marine fish breeding. The agent may be added to the water or to feed or directly applied.

IT 658066-35-4, Fluopyram

RL: PAC (Pharmacological activity); THU (Therapeutic use); BIOL (Biological study); USES (Uses)
(fungicides for treatment of fish mycoses)

RN 658066-35-4

REFERENCE COUNT: 6 THERE ARE 6 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L5 ANSWER 4 OF 4 HCPLUS COPYRIGHT 2009 ACS on STN

ACCESSION NUMBER: 2008:160920 HCPLUS

DOCUMENT NUMBER: 148:246465

TITLE: Fungicidal compounds and compositions for treatment of phytopathogenic organisms

INVENTOR(S): Godwin, Jeremy R.; Trah, Stephan; Lamberth, Clemens; Wendeborn, Sebastian Volker

PATENT ASSIGNEE(S): Syngenta Participations AG, Switz.
SOURCE: PCT Int. Appl., 37pp.

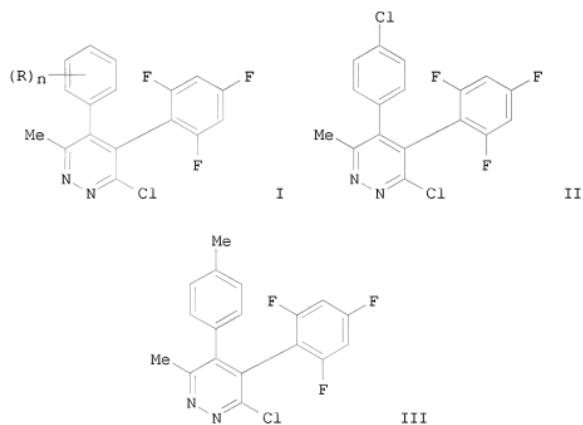
DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2008014955	A2	20080207	WO 2007-EP6720	20070730
WO 2008014955	A3	20080417		
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PRIORITY APPLN. INFO.:			GB 2006-15213	A 20060731
OTHER SOURCE(S):		MARPAT 148:246465		



AB The present invention relates, inter alia, to a compound having the formula I; (R)_n = 4-Br, 4-OCH₂CH₃, 4-OCH₂CF₃, 2-CH₃-4-C₁, 2-CH₃-4-OCH₃, 2-CH₃-4-OCF₃, 2-F-4-Br, 2-F-4-CF₃, 3-CH₃-4-Br, 3-F-4-C₁, 3-F-4-CH₃, 3-F-4-Br, 3-F-4-OCH₃ or 3-F-4-Cl). The present invention further relates to a fungicidal composition comprising a compound having the formula I, and also to fungicidal compns comprising compds. having the formula II and/or III. Furthermore, the present invention relates to

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methods for controlling pathogenic organisms using the compns. Thus, wettable powder formulation comprised (in wt%): active ingredient 25, lignosulfonate 5, sodium lauryl sulfate 3, highly dispersed silicic acid 5, kaolin 62.

IT 658066-35-4

RL: ARG (Analytical reagent use); THU (Therapeutic use); ANST (Analytical study); BIOL (Biological study); USES (Uses) (fungicidal compds. and compns. for treatment of phytopathogenic organisms)

RN 658066-35-4

=> d his

(FILE 'HOME' ENTERED AT 17:18:33 ON 26 MAR 2009)

FILE 'REGISTRY' ENTERED AT 17:19:17 ON 26 MAR 2009

L1 STRUCTURE UPLOADED
L2 12 S L1
L3 292 S L1 FULL

FILE 'HCAPLUS' ENTERED AT 17:22:37 ON 26 MAR 2009

L4 5 S L3/THU
L5 4 S L4 AND FUNG?

FILE 'REGISTRY' ENTERED AT 17:25:02 ON 26 MAR 2009

FILE 'HCAPLUS' ENTERED AT 17:25:07 ON 26 MAR 2009

=> file reg
COST IN U.S. DOLLARS SINCE FILE TOTAL
FULL ESTIMATED COST ENTRY SESSION
19.22 219.60

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS) SINCE FILE TOTAL
CA SUBSCRIBER PRICE ENTRY SESSION
-3.28 -3.28

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<http://www.cas.org/support/stngen/stndoc/properties.html>

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L6 STRUCTURE UPLOADED

=> s 16
SAMPLE SEARCH INITIATED 17:26:42 FILE 'REGISTRY'
SAMPLE SCREEN SEARCH COMPLETED - 1035 TO ITERATE

100.0% PROCESSED 1035 ITERATIONS 12 ANSWERS
SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE **COMPLETE**
 BATCH **COMPLETE**
PROJECTED ITERATIONS: 18770 TO 22630
PROJECTED ANSWERS: 33 TO 447

L7 12 SEA SSS SAM L6

=> d his

 (FILE 'HOME' ENTERED AT 17:18:33 ON 26 MAR 2009)

 FILE 'REGISTRY' ENTERED AT 17:19:17 ON 26 MAR 2009
L1 STRUCTURE UPLOADED
L2 12 S L1
L3 292 S L1 FULL

 FILE 'HCAPLUS' ENTERED AT 17:22:37 ON 26 MAR 2009
L4 5 S L3/THU
L5 4 S L4 AND FUNG?

 FILE 'REGISTRY' ENTERED AT 17:25:02 ON 26 MAR 2009

 FILE 'HCAPLUS' ENTERED AT 17:25:07 ON 26 MAR 2009

 FILE 'REGISTRY' ENTERED AT 17:26:22 ON 26 MAR 2009
L6 STRUCTURE UPLOADED
L7 12 S L6

	SINCE FILE	TOTAL
	ENTRY	SESSION
COST IN U.S. DOLLARS	0.48	220.08
FULL ESTIMATED COST		
DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE	TOTAL
	ENTRY	SESSION
CA SUBSCRIBER PRICE	0.00	-3.28

Updated Search

10524345

FILE 'HCAPLUS' ENTERED AT 17:27:05 ON 26 MAR 2009
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FILE COVERS 1907 - 26 Mar 2009 VOL 150 ISS 13
FILE LAST UPDATED: 25 Mar 2009 (20090325/ED)

HCAplus now includes complete International Patent Classification (IPC) reclassification data for the third quarter of 2008.

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<http://www.cas.org/legal/info/policy.html>

This file contains CAS Registry Numbers for easy and accurate substance identification.

-2- 8. 1. 1. 2.

(FILE 'HOME' ENTERED AT 13:18:33 ON 26 MAR 2008)

FILE 'REGISTRY' ENTERED AT 17:19:17 ON 26 MAR 2009
L1 STRUCTURE uploaded
L2 12 S L1
L3 292 S L1 FULL

FILE 'HCAPLUS' ENTERED AT 17:22:37 ON 26 MAR 2009
L4 5 S L3/THU
L5 4 S L4 AND FUND?

FILED 'REGISTRY' ENTERED AT 12:25:02 ON 26 MAR 2009

FILED: MAR 26 2009

FILE 'REGISTRY' ENTERED AT 17:26:22 ON 26 MAR 2009
L6 STRUCTURE uploaded
L7 12 S L6

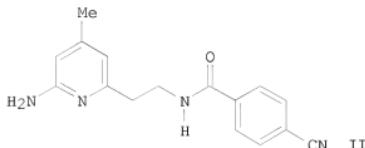
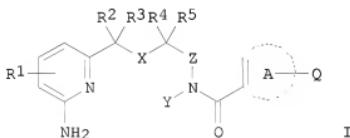
FILE 'HCAPLUS' ENTERED AT 17:27:05 ON 26 MAR 2009

=> s 14 not 15
L8 1 L4 NOT L5

=> d 18, ibib abs hitstr, 1

L8 ANSWER 1 OF 1 HCPLUS COPYRIGHT 2009 ACS on STN
 ACCESSION NUMBER: 2000:260244 HCPLUS
 DOCUMENT NUMBER: 132:279120
 TITLE: Preparation of 2-aminopyridines as nitric oxide
 synthase inhibitors
 INVENTOR(S): Connolly, Stephen; Cox, David
 PATENT ASSIGNEE(S): AstraZeneca UK Limited, UK; AstraZeneca AB
 SOURCE: PCT Int. Appl., 35 pp.
 CODEN: PIXXD2
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2000021934	A1	20000420	WO 1999-SE1829	19991011
W: AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU, CZ, DE, DK, DM, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW RW: GH, GM, KE, LS, MW, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
PRIORITY APPLN. INFO.:			SE 1998-3518	A 19981015
OTHER SOURCE(S):	MARPAT	132:279120		
GI				



AB The title compds. [I; X = (CR6R7)n; R1 = H, alkyl, alkoxy, etc.; R2-R7 = H, alkyl; R2R4 = (CH2)m; Y = H, alkyl; R2Y = (CH2)p; R4Y = (CH2)p; Y is joined to the ortho position of ring A and represents (CH2)r; Z = a bond, CH2; Q = H, alkyl, alkoxy, etc.; A = Ph, 5-membered heterocyclyl containing 1-2 heteroatoms selected from O, S and N, 6-membered aromatic azacyclic ring containing 1-2 N atoms; m = 0-5; n = 0-3; p = 0-4; r = 0-3] and their pharmaceutically acceptable salts which are inhibitors of the enzyme nitric oxide synthase and are thereby particularly useful in the treatment of prophylaxis of inflammatory diseases such as inflammatory bowel disease, rheumatoid arthritis, and osteoarthritis, and pain, were prepared E.g., a multi-step synthesis of aminopyridine II.HCl which showed IC50 of < 25 μ M against the human form of induced nitric oxide synthase, was given.

IT 263894-83-3P 263894-85-5P 263894-93-5P

RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
(preparation of 2-aminopyridines as nitric oxide synthase inhibitors)

RN 263894-83-3

RN 263894-85-5

RN 263894-93-5

REFERENCE COUNT: 3 THERE ARE 3 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

=> file reg
COST IN U.S. DOLLARS

	SINCE FILE	TOTAL
ENTRY	SESSION	

FULL ESTIMATED COST

17.63 237.71

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)

	SINCE FILE	TOTAL
ENTRY	SESSION	

CA SUBSCRIBER PRICE

-0.82 -4.10

FILE 'REGISTRY' ENTERED AT 17:30:06 ON 26 MAR 2009

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STRUCTURE FILE UPDATES: 25 MAR 2009 HIGHEST RN 1127021-37-7

DICTIONARY FILE UPDATES: 25 MAR 2009 HIGHEST RN 1127021-37-7

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10524345

<http://www.cas.org/support/stnqen/stndoc/properties.html>

=>
Uploading C:\Documents and Settings\brobinson1\My Documents\ararata.str

L9 STRUCTURE UPLOADER

=> s 19
SAMPLE SEARCH INITIATED 17:33:21 FILE 'REGISTRY'
SAMPLE SCREEN SEARCH COMPLETED - 3432 TO ITERATE

58.3% PROCESSED 2000 ITERATIONS 6 ANSWERS
INCOMPLETE SEARCH (SYSTEM LIMIT EXCEEDED)
SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE **COMPLETE**
PROJECTED ITERATIONS: 65127 TO 72153
PROJECTED ANSWERS: 13 TO 397
BATCH **COMPLETE**

L10 6 SEA SSS SAM L9

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=> s 19 full
THE ESTIMATED SEARCH COST FOR FILE 'REGISTRY' IS 185.40 U.S. DOLLARS
DO YOU WANT TO CONTINUE WITH THIS REQUEST? (Y)/N or END:y
FULL SEARCH INITIATED 17:33:25 FILE 'REGISTRY'
FULL SCREEN SEARCH COMPLETED - 68892 TO ITERATE
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100.0% PROCESSED 68892 ITERATIONS 383 ANSWERS
SEARCH TIME: 00:00:01

111 383 SEA SSS FULL 19

⇒ d his

(FILE 'HOME' ENTERED AT 17:18:33 ON 26 MAR 2009)

FILE 'REGISTRY' ENTERED AT 17:19:17 ON 26 MAR 2009
L1 STRUCTURE uploaded
L2 12 S L1
L3 292 S L1 FULL

FILE 'HCAPLUS' ENTERED AT 17:22:37 ON 26 MAR 2009
L4 5 S L3/THU
L5 4 S L4 AND FUNG?

FILED 'REGISTRY' ENTERED AT 17:25:02 ON 26 MAR 2009

FILE 'INCAPLUS' ENTERED AT 17:25:07 ON 26 MAR 2009

FILE 'REGISTRY' ENTERED AT 17:26:22 ON 26 MAR 2000

L6 STRUCTURE UPLOADED
L7 12 S L6

FILE : HCAPLUS ENTERED AT 17:27:05 ON 26 MAR 2009

10524345

L8 1 S L4 NOT L5

FILE 'REGISTRY' ENTERED AT 17:30:06 ON 26 MAR 2009
L9 STRUCTURE uploaded
L10 6 S L9
L11 383 S L9 FULL

=> s l11 not l3
L12 127 L11 NOT L3

=> file hcplus
COST IN U.S. DOLLARS SINCE FILE TOTAL
SESSION
FULL ESTIMATED COST 188.28 425.99
DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS) SINCE FILE TOTAL
ENTRY SESSION
CA SUBSCRIBER PRICE 0.00 -4.10

FILE 'HCPLUS' ENTERED AT 17:33:35 ON 26 MAR 2009
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FILE COVERS 1907 - 26 Mar 2009 VOL 150 ISS 13
FILE LAST UPDATED: 25 Mar 2009 (20090325/ED)

HCplus now includes complete International Patent Classification (IPC) reclassification data for the third quarter of 2008.

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This file contains CAS Registry Numbers for easy and accurate substance identification.

=> s l12/thu
130 L12
1105658 THU/RL
L13 4 L12/THU
(L12 (L) THU/RL)

=> d his

10524345

(FILE 'HOME' ENTERED AT 17:18:33 ON 26 MAR 2009)

FILE 'REGISTRY' ENTERED AT 17:19:17 ON 26 MAR 2009
L1 STRUCTURE uploaded
L2 12 S L1
L3 292 S L1 FULL

FILE 'HCAPLUS' ENTERED AT 17:22:37 ON 26 MAR 2009
L4 5 S L3/THU
L5 4 S L4 AND FUNG?

FILE 'REGISTRY' ENTERED AT 17:25:02 ON 26 MAR 2009

FILE 'HCAPLUS' ENTERED AT 17:25:07 ON 26 MAR 2009

FILE 'REGISTRY' ENTERED AT 17:26:22 ON 26 MAR 2009
L6 STRUCTURE UPLOADED
L7 12 S L6

L8 FILE 'HCAPLUS' ENTERED AT 17:27:05 ON 26 MAR 2009
1 S L4 NOT L5

FILE 'REGISTRY' ENTERED AT 17:30:06 ON 26 MAR 2009

L9 STRUCTURE uploaded
L10 6 S L9
L11 383 S L9 FULL
L12 127 S L11 NOT L3

FILE 'HCAPLUS' ENTERED AT 17:33:35 ON 26 MAR 2009
L13 4 S L12/THU

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=> s 113 not 14
L14          0 L13 NOT L4
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=> d 113, ibib abs hitstr, 1-4

L13 ANSWER 1 OF 4 HCPLUS COPYRIGHT 2009 ACS on STN
ACCESSION NUMBER: 2008:1471528 HCPLUS
DOCUMENT NUMBER: 149:576624
TITLE: Preparation of pyridazines as agrochemical fungicides
and antitumor agents
INVENTOR(S): Dietz, Jochen; Vrettou, Marianna; Mueller, Bernd;
Renner, Jens; Ulmschneider, Sarah; Lohmann, Jan Klaas
PATENT ASSIGNEE(S): BASF SE, Germany
SOURCE: PCT Int. Appl., 106pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: German
FAMILY ACC. NUM. COUNT: 27
PATENT INFORMATION:

PATENT NO. KIND DATE APPLICATION NO. DATE

WO 2008135413 A1 20081113 WO 2008-XD55058 20080425
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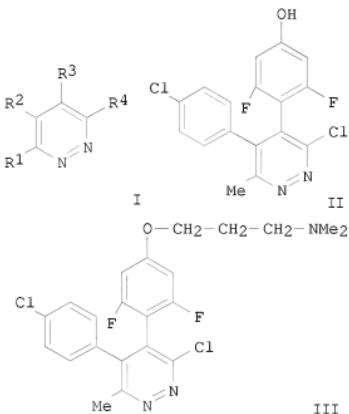
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RW: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HR, HU, IE, IS, IT, LT, LU, LV, MC, MT, NL, NO, PL, PT, RO, SE, SI, SK, TR, TR, BY, CF, CG, CI, CM, GA, GN, GO, GW, ML, MR, NE, NS, TD, TG, BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, EG, KZ, MD, RU, TJ, TM

PRIORITY APPLN. INFO.:

EP 2007-107339

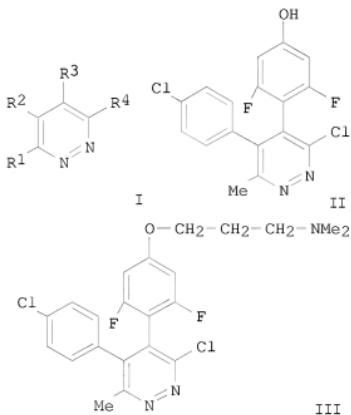
A 20070502

GT



L13 ANSWER 1 OF 4 HCAPLUS COPYRIGHT 2009 ACS on STN
ACCESSION NUMBER: 2008:1471528 HCAPLUS
DOCUMENT NUMBER: 149:576624
TITLE: Preparation of pyridazines as agrochemical fungicides and antitumor agents
INVENTOR(S): Dietz, Jochen; Vrettou, Marianna; Mueller, Bernd; Renner, Jens; Ulmschneider, Sarah; Lohmann, Jan Klaas
PATENT ASSIGNEE(S): BASF SE, Germany
SOURCE: PCT Int. Appl., 106pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: German
FAMILY ACC. NUM. COUNT: 27
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2008135413	A1	20081113	WO 2008-XD55058	20080425
W: AE, AG, AL, AM, AO, AT, AU, AZ, BA, BB, BG, BH, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DO, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GT, HN, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP, KR, KZ, LA, LC, LK, LR, LS, LT, LU, LY, MA, MD, ME, MG, MK, MN, MW, MX, MY, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RS, RU, SC, SD, SE, SG, SK, SL, SM, SV, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, ZA, ZM, ZW				
RW: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HR, HU, IE, IS, IT, LT, LU, LV, MC, MT, NL, NO, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG, BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
PRIORITY APPLN. INFO.:			EP 2007-107339	A 20070502
CT				



COMMAND INTERRUPTED
REENTER FILE 'HCAPLUS'
AND TRY AGAIN, OR ENTER '?' FOR MORE INFORMATION.

Your command did not complete due to a temporary system problem. To recover, reenter the file you are in now. Then, any command that is normally available to you may be used. No cost summary for the current file will be displayed. After reentering the current file you may retry your command. Also, you may wish to SAVE your search query. This can be done in any file. If you cannot access your current file, or if your command fails a second time, notify the Help Desk. Enter "HELP STN" for information on contacting the nearest STN

10524345

Help Desk by telephone or by using the SEND command in STNMAIL file.

=> d his
THIS COMMAND NOT AVAILABLE IN THE CURRENT FILE
Some commands only work in certain files. For example, the EXPAND command can only be used to look at the index in a file which has an index. Enter "HELP COMMANDS" at an arrow prompt (=>) for a list of commands which can be used in this file.

=> file reg			
COST IN U.S. DOLLARS	SINCE FILE	TOTAL	
	ENTRY	SESSION	
FULL ESTIMATED COST	14.25	440.24	
DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE	TOTAL	
	ENTRY	SESSION	
CA SUBSCRIBER PRICE	0.00	-4.10	

FILE 'REGISTRY' ENTERED AT 17:36:49 ON 26 MAR 2009
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STRUCTURE FILE UPDATES: 25 MAR 2009 HIGHEST RN 1127021-37-7
DICTIONARY FILE UPDATES: 25 MAR 2009 HIGHEST RN 1127021-37-7

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<http://www.cas.org/support/stngen/stndoc/properties.html>

=>
Uploading C:\Documents and Settings\brobins01\My Documents\43456a.str
L15 STRUCTURE UPLOADED
=> s 114
'THU' IS NOT A VALID CROSSOVER QUALIFIER FOR T
Answer sets created in a different file may be field qualified with a limited set of qualifiers. Enter HELP CROSSOVER at an arrow prompt (=>) for specific information.
=> s 115
SAMPLE SEARCH INITIATED 17:41:02 FILE 'REGISTRY'

Updated Search

10524345

SAMPLE SCREEN SEARCH COMPLETED - 3826 TO ITERATE

52.3% PROCESSED 2000 ITERATIONS 0 ANSWERS
INCOMPLETE SEARCH (SYSTEM LIMIT EXCEEDED)
SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE **COMPLETE**
BATCH **COMPLETE**
PROJECTED ITERATIONS: 72811 TO 80229
PROJECTED ANSWERS: 0 TO 0

L16 0 SEA SSS SAM L15

=> s l15 full
THE ESTIMATED SEARCH COST FOR FILE 'REGISTRY' IS 185.40 U.S. DOLLARS
DO YOU WANT TO CONTINUE WITH THIS REQUEST? (Y)/N or END:y
FULL SEARCH INITIATED 17:41:06 FILE 'REGISTRY'
FULL SCREEN SEARCH COMPLETED - 76821 TO ITERATE

100.0% PROCESSED 76821 ITERATIONS 0 ANSWERS
SEARCH TIME: 00.00.01

L17 0 SEA SSS FUL L15

=>
Uploading C:\Documents and Settings\brobinson1\My Documents\ararararararatre.str

L18 STRUCTURE uploaded

=> s l18
SAMPLE SEARCH INITIATED 17:42:03 FILE 'REGISTRY'
SAMPLE SCREEN SEARCH COMPLETED - 3826 TO ITERATE

52.3% PROCESSED 2000 ITERATIONS 0 ANSWERS
INCOMPLETE SEARCH (SYSTEM LIMIT EXCEEDED)
SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE **COMPLETE**
BATCH **COMPLETE**
PROJECTED ITERATIONS: 72811 TO 80229
PROJECTED ANSWERS: 0 TO 0

L19 0 SEA SSS SAM L18

=> s l18 full
THE ESTIMATED SEARCH COST FOR FILE 'REGISTRY' IS 185.40 U.S. DOLLARS
DO YOU WANT TO CONTINUE WITH THIS REQUEST? (Y)/N or END:y
FULL SEARCH INITIATED 17:42:07 FILE 'REGISTRY'
FULL SCREEN SEARCH COMPLETED - 76821 TO ITERATE

100.0% PROCESSED 76821 ITERATIONS 0 ANSWERS
SEARCH TIME: 00.00.02

L20 0 SEA SSS FUL L18

Updated Search